## AMENDMENTS TO THE SPECIFICATION

Please amend the abstract of the disclosure as follows:

The abstract of the disclosure is presented on a separate page in the attached substitute specification as required by MPEP 608.01(b), but is otherwise unchanged.

Please amend the paragraph at page 6, line 9 as follows:

The user block includes an ADSL terminal 11, a telephone 13, a home automation equipment 14 and a computer 15. The service provider block includes an ADSL access unit 12, an integrated digital loop carrier (IDLC) switch 16, a home automation service (HAS) communication server [[(HAS)]] 17 and an Internet unit 18.

Please amend the paragraph at page 7, line 6 as follows:

Particularly, the ADSL accessing unit 12 multiplexes the ADSL signal to the IDLC switch 16, the HAS communication server 17 and the Internet unit 18.

Please amend the paragraph at page 8, line 11 as follows:

Referring to Fig. 2, the communication system for the home automation service using ATM in advanced ADSL has a user block and a service provider block. The user block includes an ADSL terminal 21, a telephone 23, a home automation equipments 24 and a computer 25. The service provider block includes an ADSL access unit, an integrated digital loop carrier (IDLC) switch 26, a home automation service (HAS) communication server [[(HAS)]] 27 and an Internet unit 28.

Please amend the paragraph at page 8, line 14 as follows:

Referring to Fig. 2, the home automation equipments 24 are connected to the (HAS) communication ~~home automation~~ server 27 through the HAS channel module 212 in the ADSL terminal 21 and through the HAS-MUX module 222 in the ADSL accessing unit 22 in accordance with the present invention.

Please amend the paragraph at page 9, line 9 as follows:

Particularly, the ADSL accessing unit 22 multiplexes the ADSL signals to the IDLC switch 26, the HAS communication server 27 and the Internet unit 28.

Please amend the paragraph at page 11, starting at line 27 as follows:

The HAS-MUX module 122 or 222 includes a low rate frame accessing unit and a HAS processing unit. The low rate frame accessing unit is coupled with the low rate processing unit 123 or 223 of the DLDMT ATU-C 126 and the ATM ATU-C 226. The HAS processing unit transmits/receives the messages in message format shown in Fig. 5 with the ~~home automation~~ HAS communication server 17 or 27 or the HAS channel module 112 or 212 of the ADSL terminal 11 or 21 through the low rate processing unit or the ADSL transmitting unit by performing HAS [[service]] process.

Please amend the paragraph at page 11, line 32 as follows:

The ~~home automation~~ HAS communication server 17 or 27 receives a HAS and manages a database that contains phone numbers of subscribers, user port numbers of the ADSL terminals 11 or 21 and service profiles of subscribers. Also, the home automation communication server 17 or 27 provides interface to contents providers.